## **CLAIMS**

## What is claimed is:

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- a body having first and second charge-storing elements in its interior, and
- 3 having a plurality of exterior sides; and
- P separate terminals on at least three exterior sides, M of the separate
- 5 terminals being coupled to the first charge-storing element, and N of the separate
- 6 terminals being coupled to the second charge-storing element, wherein M, N, and P
- 7 are positive integers, and wherein P=M+N.
- 1 2. The capacitor recited in claim 1, wherein the P separate terminals comprise
- 2 at least four separate terminals on four different ones of the plurality of exterior
- 3 sides.
- 1 3. The capacitor recited in claim 1, wherein the P separate terminals comprise
- 2 at least five separate terminals on five different ones of the plurality of exterior
- 3 sides.
- 1 4. The capacitor recited in claim 1, wherein the P separate terminals comprise
- 2 at least six separate terminals on six different ones of the plurality of exterior sides.
- 1 5. The capacitor recited in claim 1, wherein the body has a geometrical shape
- 2 of a rectangular solid.
- 1 6. A capacitor comprising:
- a body having an interior and a plurality of exterior sides;
- a first element to hold an electrical charge of a first polarity;
- a second element to hold an electrical charge of a second polarity;
- 5 first and second terminals coupled to the first and second elements,
- 6 respectively, and disposed on first and second ones of the plurality of exterior sides;
- 7 and

- a third terminal coupled to the first element and disposed on a third one of
- 9 the plurality of exterior sides, wherein the third terminal is electrically coupled to
- the first terminal only via the first element.
- 1 7. The capacitor recited in claim 6 and further comprising:
- 2 at least one conductor within the interior;
- 3 wherein the third terminal is electrically coupled to the first terminal only via
- 4 the first element and the at least one conductor.
- 1 8. The capacitor recited in claim 6 and further comprising:
- at least one additional conductor within the interior; and
- a fourth terminal coupled to the second element and disposed on a fourth one
- 4 of the plurality of exterior sides, wherein the fourth terminal is electrically coupled
- 5 to the second terminal only via the second element and the at least one additional
- 6 conductor.
- 1 9. The capacitor recited in claim 8, wherein the third and fourth exterior sides
- 2 are on opposite sides of the body.
- 1 10. The capacitor recited in claim 6, wherein the first and second elements are
- 2 within the interior.
- 1 11. The capacitor recited in claim 6, wherein the first element is separated from
- 2 the second element by a dielectric material.
- 1 12. The capacitor recited in claim 6, wherein the body has a geometrical shape
- 2 of a rectangular solid.
- 1 13. The capacitor recited in claim 6 and further comprising:
- at least one additional conductor within the interior; and

3	a fourth terminal coupled to the first element and disposed on a fourth one of		
4	the plurality of exterior sides, wherein the fourth terminal is electrically coupled to		
5	the first terminal only via the first element and the at least one additional conductor.		
1	14. The capacitor recited in claim 13, wherein the third and fourth exterior sides		
2	are on opposite sides of the body.		
1	15. The capacitor recited in claim 6 and further comprising:		
2	a fourth terminal coupled to the second element and disposed on a fourth one		
3	of the plurality of exterior sides, wherein the fourth terminal is electrically coupled		
4	to the second terminal only via the second element; and		
5	a fifth terminal coupled to the first element and disposed on a fifth one of the		
6	plurality of exterior sides, wherein the fourth terminal is electrically coupled to the		
7	first terminal only via the first element.		
1	16. The capacitor recited in claim 15 and further comprising:		
2	a sixth terminal coupled to the second element and disposed on a sixth one		
3	of the plurality of exterior sides, wherein the sixth terminal is electrically coupled to		
4	the second terminal only via the second element.		
1	17. An electronic assembly comprising:		
2	a capacitor including		
3	a body having first and second charge-storing elements in its interior		
4	and having a plurality of exterior sides; and		
5	P separate terminals on at least three exterior sides, M of the separate		
6	terminals being coupled to the first charge-storing element, and N of the		
7	separate terminals being coupled to the second charge-storing element,		
8	wherein M, N, and P are positive integers, and wherein P=M+N; and		
9	at least one electrical element having a plurality of terminals coupled to the		
10	P separate terminals of the capacitor.		

- 1 18. The electronic assembly recited in claim 17, wherein the electrical element is
- 2 from the group comprising an electrical component and a substrate.
- 1 19. The electronic assembly recited in claim 18, wherein the electrical
- 2 component comprises a capacitor.
- 1 20. The electronic assembly recited in claim 18, wherein the electrical
- 2 component comprises an integrated circuit.
- 1 21. The electronic assembly recited in claim 17, wherein the P separate
- 2 terminals comprise four separate terminals on four different ones of the plurality of
- 3 exterior sides.
- 1 22. The electronic assembly recited in claim 17, wherein the P separate
- 2 terminals comprise five separate terminals on five different ones of the plurality of
- 3 exterior sides.
- 1 23. The electronic assembly recited in claim 17, wherein the P separate
- 2 terminals comprise six separate terminals on six different ones of the plurality of
- 3 exterior sides.
- 1 24. The electronic assembly recited in claim 17, wherein the capacitor body has
- 2 a geometrical shape of a rectangular solid.
- 1 25. A method of fabricating a capacitor having a plurality of exterior sides
- 2 comprising:
- 3 constructing first and second charge-storing elements that are separated by a
- 4 dielectric material;
- forming P separate terminals on at least three exterior sides, M of the
- 6 separate terminals being coupled to the first charge-storing element, and N separate
- 7 terminals being coupled to the second charge-storing element, wherein M, N, and P
- 8 are positive integers, and wherein P=M+N.

- 1 26. The method recited in claim 25, wherein, in forming, at least four separate
- 2 terminals are formed on four different ones of the plurality of exterior sides.
- 1 27. The method recited in claim 25, wherein, in forming, at least five separate
- 2 terminals are formed on five different ones of the plurality of exterior sides.
- 1 28. The method recited in claim 25, wherein, in forming, at least six separate
- 2 terminals are formed on six different ones of the plurality of exterior sides.
- 1 29. The method recited in claim 25, wherein, in forming, the plurality of exterior
- 2 sides are of a rectangular solid.
- 1 30. A method comprising:
- 2 positioning a capacitor having separate terminals on at least three sides on a
- 3 substrate;
- 4 electrically coupling a separate terminal of a first side to a first terminal on
- 5 the substrate:
- 6 electrically coupling a separate terminal of a second side to a second
- 7 terminal on the substrate; and
- 8 electrically coupling a separate terminal of a third side to a third terminal on
- 9 the substrate.
- 1 31. The method recited in claim 30, wherein, in coupling, the first terminal on
- 2 the substrate comprises a conductive bar.
- 1 32. The method recited in claim 30, wherein, in coupling, the first and second
- 2 terminals on the substrate comprise conductive bars.
- 1 33. The method recited in claim 30, wherein, in coupling, an additional separate
- 2 terminal of the first side is electrically coupled to an additional terminal on the
- 3 substrate.

- 1 34. The method recited in claim 30, wherein, in coupling, the separate terminal
- 2 of the first side is electrically coupled to an additional terminal on the substrate.
- 1 35. A method comprising:
- positioning a capacitor having P separate terminals on at least three sides
- 3 adjacent to a substrate having M terminals;
- 4 positioning an electrical element having N terminals adjacent to the
- 5 capacitor; and
- 6 electrically coupling the P separate terminals to the M terminals and N
- 7 terminals,
- 8 wherein M, N, and P are positive integers, and wherein P=M+N.
- 1 36. The method recited in claim 35, wherein, in positioning the capacitor, the
- 2 capacitor has P separate terminals on at least four sides.
- 1 37. The method recited in claim 35, wherein, in positioning the capacitor, the
- 2 capacitor has P separate terminals on at least five sides.
- 1 38. The method recited in claim 35, wherein, in positioning the capacitor, the
- 2 capacitor has P separate terminals on at least six sides.
- 1 39. The method recited in claim 35, wherein, in positioning the capacitor, the M
- 2 terminals of the substrate comprise at least one conductive bar.
- 1 40. The method recited in claim 35, wherein, in positioning the capacitor, the M
- 2 terminals of the substrate comprise two conductive bars, and the capacitor is
- 3 positioned between the two conductive bars.
- 1 41. The method recited in claim 35, wherein, in positioning the electrical
- 2 element, the N terminals of the electrical element comprise at least one conductive
- 3 bar.

- 1 42. The method recited in claim 35, wherein, in positioning the electrical
- 2 element, the N terminals of the electrical element comprise two conductive bars, and
- 3 the two conductive bars are positioned on either side of the capacitor.